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PTO/9/05 (12/97)

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JC978 U.S. PTO

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: SC-00-12

First Named Inventor: Schultz *et al.*

Title: Mean Strain Ratio Analysis Method and System for  
Detecting Drill Bit Failure and Signaling Surface  
Operator

Express Mail Label No. 6C686118751US

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1.      Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. X Specification Total pages 152  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. X Drawing(s) (35USC d113) Total pages 53
4. Oath of Declaration Total pages 2
  - a. X UnSigned Newly Executed (original or copy)
  - b.      Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i.      Deletion of inventor(s) (Signed statement  
attached deleting inventor(s) named in the prior  
application, see 37, C.F.R. 1.63(d)(2) and 1.33(b).

5. X Incorporation by Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the  
oath or declaration is supplied under Box 4b, is considered to be part of  
the disclosure of the accompanying application and is hereby  
incorporated by reference therein
6.      Microfiche Computer Program (Appendix)
7.      Nucleotide and/or Amino Acid Sequence Submission (if  
applicable, all necessary)
  - a.      Computer Readable Copy
  - b.      Paper Copy (identical to computer copy)
  - c.      Statement verifying identity of above copies
8.      Assignment Papers (cover sheet & Documents(s))
9.      37 CFR §3.73(b) Statement (when there is an assignee)  
     Power of Attorney
10.      English Translation Document (if applicable)
11.      Information Disclosure Statement (IDS)/PTO-1449  
     Copies of IDS Citations
12.      Preliminary Amendment
13. X Return Receipt Postcard (MPEP 503) (Should be  
specifically itemized)
14.      \*Small Entity Statement(s) (PTO/SB/09-12)  
     Statement filed in prior application -Status still proper and desired
15.      Certified Copy of Priority Document(s).
16.      Nonpublication Request Under  
35 U.S.C. 122(b)(2)(B)(i)
17.      Other:  
\* A new statement is required to be entitled to pay small entity fees,  
except where one has been filed in a prior application and is being relied  
upon.

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment.

X Continuation      Divisional      Continuation-in-part (CIP) of prior application No: 60/246,656 filed 11/7/00.

Prior application information: Examiner:      Group / Art Unit:     

     If checked, the Patent Office is respectfully requested to delay examination on this continuing/divisional application for three months  
to allow Applicant to submit a Preliminary Amendment and/or Information Disclosure Statement.

19. CORRESPONDENCE ADDRESS: Name: Groover & Associates p.c.  
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Signature [Signature]  
Robert Groover, Reg.No. 30,659, Date: October 26, 2001